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Educational Quality Assurance and Accountability of ICT-Enhanced Higher Education - Developing an SOP for Educational Informatics -

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This proposal is to put the higher education in a bigger picture and looks at the education from the institutional level or Chief Information Officer's perspective. Target audience will be school administrators as well as decision-makers for the deployment and implementation of ICT-enhanced curriculum or education.

In order to assure the quality of education enhanced with ICT-enhanced learning to better design the future society, no one denies that education plays the essential role. However, there has not been any quality assurance model to visually explain the quality of education or any specification or standard for an effective role of ICT in education discussed in an institution or presented in public. Further, there has not been any demonstration of accountability of such issues to stakeholders. As the results, school administrators or IT staff in charge of implementing ICT in education did not have any chance to quality control the education. Teachers and instructors has been implementing ICT-enhanced education with trials and errors.

This paper purports to propose a robust standard operating procedures for the use of ICT in education, especially in the field of learning rather than teaching, i.e., educational Informatics. In the presentation, the SOP in consideration with the following components are discussed: (i) the educational paradigm as well as the learning environment to fortify the ICT-enhanced learning, (ii) the strategies for effective ICT-enhanced learning, (iii) effective methodologies for learning, (iv) effective assessment strategies for ICT-learning in conjunction with required ICT literacy level for learners and educators.

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